

MAINTENANCE INSTRUCTIONS

For Chemline S.I. Series Gauge Isolator 1/4" - 1/2"

Maintenance:

Refer to **ASSEMBLY DRAWING GISI Rev 0.** And proceed as follows:

1. Gauge isolators can be mounted and mounted and filled with glycerine at Chemline prior to delivery, or isolators can be mounted and filled on site.
2. Remove isolator from valve.
3. To disassemble isolator remove gauge (4) from upper chamber (3).
4. Remove bolts, nuts and washers (5) and separate upper chamber (3) from lower chamber (1).
5. Drain glycerin (or other fluid) from both chambers (1 & 3), prior to removing diaphragm (2).
6. Check teflon diaphragm (2) for wear and replace if necessary.
7. Refill upper chamber (3) and replace diaphragm (2).
8. To reassemble diaphragm follow steps 1 through 4 in reverse, to hand-tight plus ¼ turn.

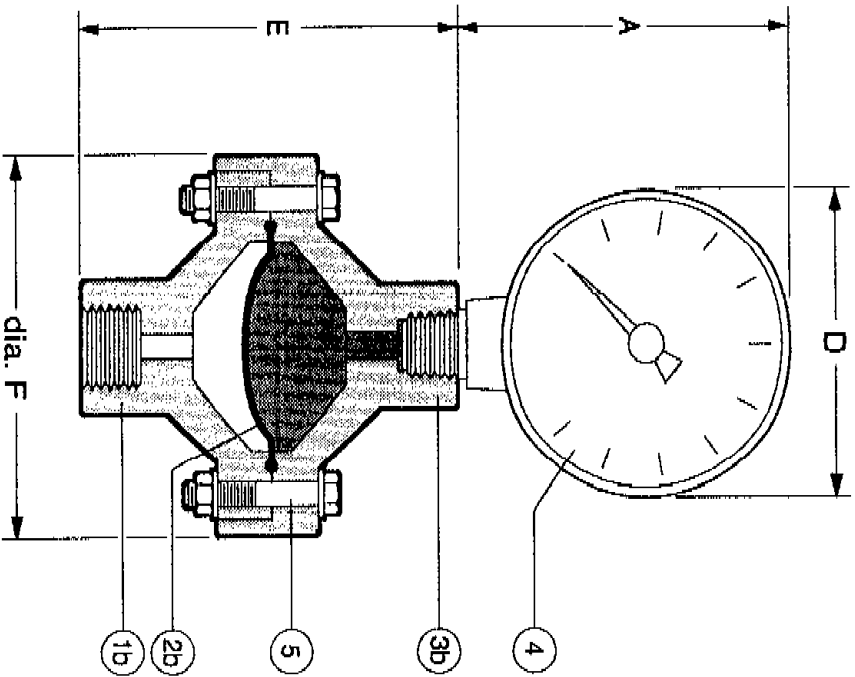
DIMENSIONS (Inches)

Inlet Size						1/2
Instrument Connection						1/4
A	B	C	D	E	F	
3.0	4.10	2.64	2.50	3.43	3.19	

Gauge Isolators S.I. Series cont.**WORKING PRESSURES**

TEMPERATURE				
F	C	PVC	PP	PVDF
0	-17	40	-	200
25	-4	130	70	200
50	10	180	130	200
75	24	185	150	200
100	38	160	140	200
125	51	110	120	180
150	66	-	90	160
175	79	-	60	130
200	93	-	-	100
250	120	-	-	60

PART	DESCRIPTION	QTY	MATERIAL
1	LOWER CHAMBER	1	PVC/PP/PVDF
2	DIAPHRAGM	1	TEFLON/PTFE
3	UPPER CHAMBER	1	PVC/PP/PVDF
4	OPTIONAL GAUGE	1	S.S. CASE
5	HEX BOLT/NUT/WASHERS	9	304 SS/M5X30



TITLE		SCALE		DATE		CHEMLINE PLASTICS CHEMLINE		REV.
CHEMLINE GAUGE ISOLATOR								0
REFERENCE		DR. BY		CHKD. BY		DWG. NO.		
S. I. SERIES 1/4 AND 1/2						GISI		
		APP. BY						